

4012 GX



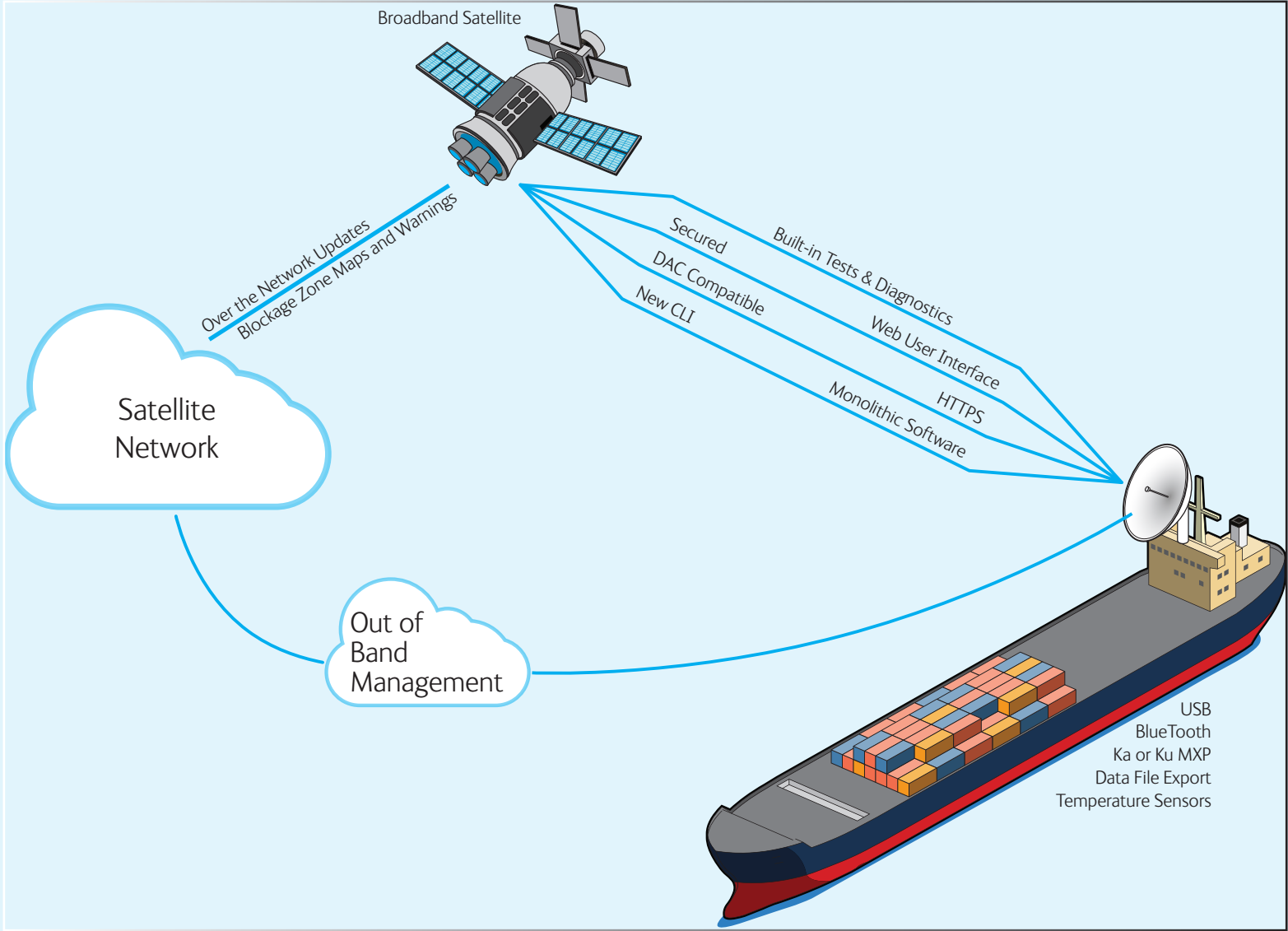
Based on the industry-leading 4009 antenna pedestal, Model 4012 GX is the industry's first and only highly integrated 1m Ku to Ka upgradable marine stabilized antenna system. This optional Ku to Ka upgrade can be performed in the field in a few short steps by a Sea Tel trained technician. The system will go on sale in the first half of 2012. The new antenna architecture will be future-proof and upgradable to work on Inmarsat's Global Xpress (GX) network.

Expected 4012 GX Benefits and Features

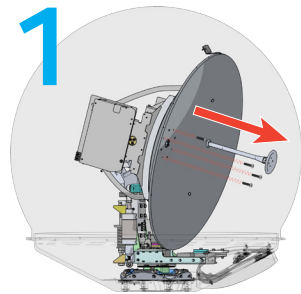
- Expanded user preference: operate on Ku or Ka-band.
- Anatel and Eutelsat approved.
- Frequency tuned radome for both Ku and Ka-band services.
- Simple and intuitive field upgrade to Ka-band (optional).
- Fully IP based "plug and play" architecture.

Model 4012 GX will be the first antenna fully optimized to meet the demanding maritime communications needs of the 21st century. The 4012 GX architecture is being designed for ease of installation; extended web based secured user interface; built-in remote management capabilities; and integration into network management systems through its media exchange point (MXP). Model 4012 GX will have a highly integrated control unit (ICU). ICU offers a single box control instead of distributed antenna control architecture, replacing the Digital Antenna Controller (DAC) and Pedestal Control Unit (PCU).

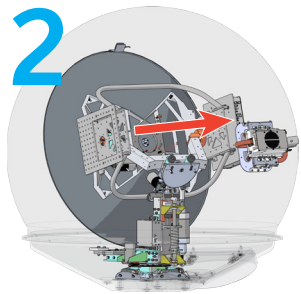
The Model 4012 GX is being designed to meet industry's leading mechanical and safety requirements including IEC 60721 specification. The antenna system will have industry blazing stabilization accuracy, highly efficient antenna reflectors and frequency selective, fine-tuned radome design for peak performance in Ku and Ka-band.



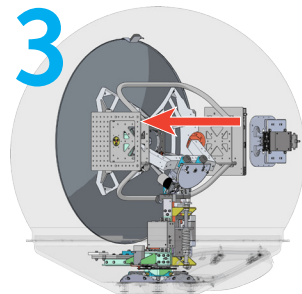
Five Steps to Convert from Ku to Ka-band Reception.



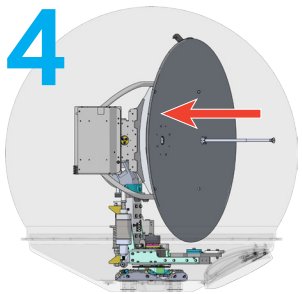
Step 1-Removing the vertex feed: Remove the Ku-band feed by unscrewing four vertex feed screws.



Step 2-Removing the Ku-band RF Module: Remove the cable and harness connections. Remove four bolts that connect the RF module to the reflector.



Step 3-Adding Ka-band RF Module: Replace the Ku-band RF module with Ka-band RF module. Tighten bolts.

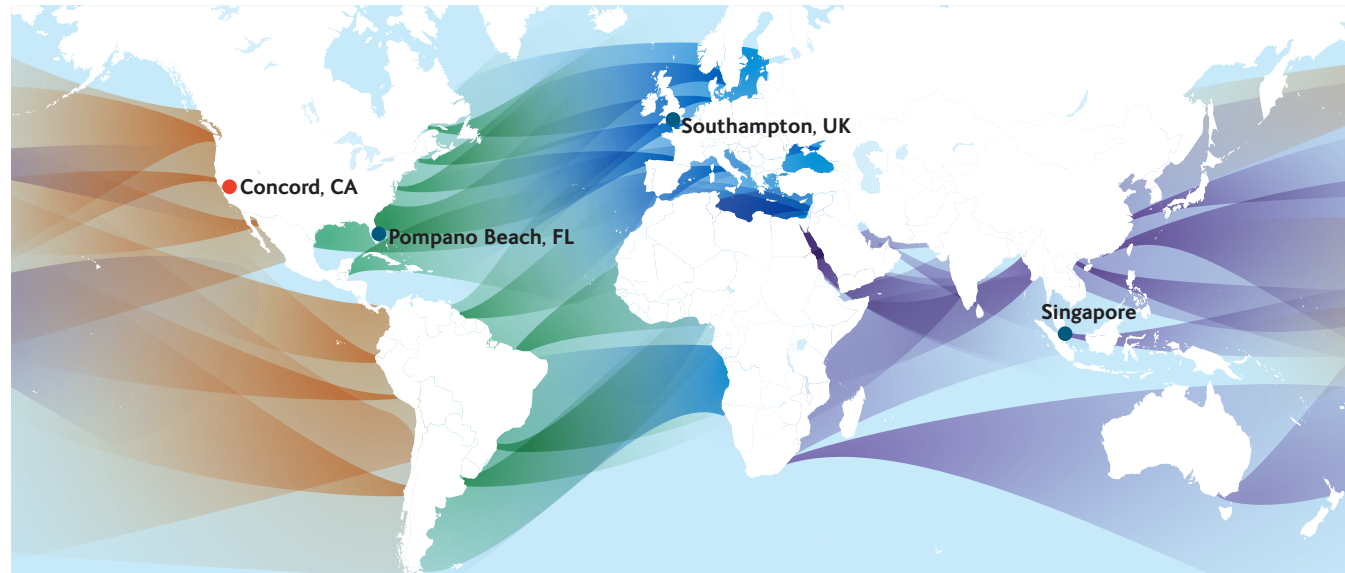


Step 4-Installing the Ka-band Feed: Align the feed. Tighten the vertex feed screws.



Step 5-Upgrading the MXP: Replace Ku-band MXP with Ka-band MXP.





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The most important thing we build is trust

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Sea Tel Model 4012 GX

3-Axis marine stabilized antenna system compatible with Ku-band satellites, convertible to Ka-band

The Best Ku-Band System Just Got Better

Rough and Ready

The world's most trusted maritime antenna system

An industry leading 99.99% uptime makes Sea Tel the antenna system of choice for every type of vessel. From leisure boating and cargo shipping, to military applications and offshore communications for the oil & gas industry, Sea Tel delivers reliability under the most demanding conditions. In fact, more vessels around the world rely on us for their VSAT antenna system than anyone else. Making Sea Tel not only a pioneer in satellite communications, but the world leader in the field for 33 years.

Loud and Clear

The world's most trusted maritime antenna system

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